

EDUCATION

**THE US ARMY
ORDNANCE
CENTER AND
SCHOOL
APPRENTICESHIP
PROGRAM FOR
THE TRADE OF
TRUCK
MECHANIC**

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SUMMARY of CHANGE

DA PAM 621-67

THE US ARMY ORDNANCE CENTER AND SCHOOL APPRENTICESHIP PROGRAM FOR THE TRADE OF
TRUCK MECHANIC

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EDUCATION

THE US ARMY ORDNANCE CENTER AND SCHOOL APPRENTICESHIP PROGRAM FOR THE TRADE OF TRUCK MECHANIC

By Order of the Secretary of the Army:

E. C. MEYER
General, United States Army
Chief of Staff

Official:

ROBERT M. JOYCE
Brigadier General, United States Army
The Adjutant General

History. This publication has been organized to make it compatible with the Army electronic publishing database. No content has been changed.

Summary. The purpose of this pamphlet is to announce the US Army Ordnance Center and School Apprenticeship Program for the trade of Truck Mechanic (DOT Code 620.261-010).

Applicability. This pamphlet applies to all elements of the active Army. This pamphlet does not apply to Army National Guard and Army Reserve.

Proponent and exception authority. The proponent agency of this regulation is The Adjutant General's Office.

Interim changes. Interim changes are not official unless they are authenticated by The Adjutant General. Users will destroy interim changes on their expiration date unless sooner superseded or rescinded.

Suggested Improvements. Users are invited to send comments and suggested

improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to Commander, US Army Ordnance Center and School, ATTN: ATSL-TD-PM, Aberdeen Proving Ground, MD 21005.

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1. Purpose.

The purpose of this pamphlet is to announce the US Army Ordnance Center and School Apprenticeship Program for the trade of Truck Mechanic (DOT Code 620.261-010).

2. Applicability.

This pamphlet applies to all elements of the active Army. This pamphlet does not apply to Army National Guard and Army Reserve.

3. General.

Policies and procedures for participation in the program are contained in AR 621-5. This pamphlet is designed to be used in conjunction with that regulation.

4. Apprenticeship Program Number and Occupational Skill Code.

a. The following apprenticeship program number and occupational skill code are used to identify the US Army Ordnance Center and School Apprenticeship Program for the trade of Truck Mechanic.

(1) Apprenticeship Program Number: 99905

(2) Occupational Skill Code: 08

b. The apprenticeship program number and occupational skill code must be entered on DA Form 4409-R (Apprenticeship Application) to identify the program for which the soldier is making application.

5. Eligibility for Participation in the Program.

Soldiers having as primary or secondary one of the MOSs indicated below may participate in the program.

a. MOS 63B. Light Wheel Vehicle/Power Generation Mechanic

b. MOS 63D. Self-Propelled Field Artillery System Mechanic

c. MOS 63E. XM1 Tank System Mechanic

d. MOS 63H. Track Vehicle Repairer

e. MOS 63N. M60 Series Systems Mechanic

f. MOS 63S. Heavy Wheel Vehicle Mechanic

g. MOS 63T. Improved Tow Vehicle/Infantry Fighting Vehicle/Cavalry Fighting Vehicle System Mechanic

h. MOS 63W. Wheel Vehicle Repairer

i. MOS 63Y. Track Vehicle Mechanic

j. MOS 63. Mechanical Maintenance Supervisor

6. The Truck Mechanic Apprenticeship Program.

This is an 8,000-hour program which leads to certification of journeyman in the trade of Truck Mechanic. Participation in the program is voluntary, and no membership in labor unions or professional associations is required. The work process schedule and schedule of related instruction for the trade are provided in appendixes B and C. The purpose of the work process schedule and the schedule of related instruction is as indicated below:

a. The work process schedule reflects categories of work experience required by soldier-apprentices to qualify as journeyworker Truck Mechanic.

b. The schedule of related instruction identifies courses which may be taken by soldier-apprentice to satisfy the 576 hours of related instruction required for completion of the program.

7. Enrollment in the Program.

Soldiers may enroll in the program by contacting their installation education services officers (ESO) who will explain requirements of the program and assist in the preparation of the Apprenticeship Application Form (DA Form 4409-R).

8. Apprenticeship Log Forms.

Apprenticeship log forms and instructions on use of the forms will be issued to soldiers by the installation ESO at the time of registration in the program. Log instruction sheets will be maintained by soldiers in a three-ring binder. Soldier-apprentices will be required to annotate their work experience on log sheets on a daily basis. The standard for the amount of work experience logged will be 132 hours per month. Hours logged above this standard amount must be justified in the remarks section of the daily work experience record and attested to by the signature and rank of the shop craft supervisor or an individual holding a comparable position. Log entries must be verified by the soldier-apprentice's immediate supervisor on a weekly basis.

9. Credit for Previous Experience.

a. Soldier-apprentices who have participated in approved Federal or State registered civilian apprenticeship in the trade of Truck Mechanic or a related trade will, upon presentation of documentation, be awarded credit for all experience related to categories of work contained in the work process schedule in appendix B.

b. Up to 4,000 hours of credit for previous military work experience may be awarded upon presentation of authenticated documentation of satisfactory performance. Such experience must be directly related to the occupation in which the apprenticeship is being performed. Statements from previous supervisors or other such documentation which certify category of work, number of hours by category, and quality of performance will be submitted by soldier-apprentices to their installation ESO for consideration. The ESO will forward these documents to the Commander, US Army Ordnance Center and School, ATTN: ATS-TD-PM, Aberdeen Proving Ground, MD 21005, for final determination.

10. Related Instruction Credit for Previous Military and Civilian Education.

Credit for previous military and civilian schooling may be awarded to satisfy related instruction requirements by presenting certificates of course completion or other such documentation from official military records or other sources. The installation ESO will determine the amount of credit to be awarded. The ESO will consult appropriate Service schools, as required, in order to determine the appropriate amount of credit for each course.

11. Completion of the Program.

Upon successful completion of the program, a Certificate of Completion of Apprenticeship will be awarded by the US Department of Labor. While the award of a Certificate of Completion of Apprenticeship will not guarantee a job, it will certify that journeyworker status has been attained, and should enable completers of the program to be more competitive with civilians in the trade.

12. Partial Completers.

Soldiers leaving the service prior to completion of the program will receive documented credit for that portion of the program which they did complete. This documentation may be presented for satisfaction of requirements of civilian apprenticeship programs in the trade of Truck Mechanic or a related trade. (See app. D)

Appendix A References.

Section I Required Publications

This section contains no entries.

Section II Related Publications

This section contains no entries.

Section III Prescribed Forms

This section contains no entries.

Section IV Referenced Forms

This section contains no entries.

Appendix B

WORK PROCESS SCHEDULE FOR THE TRADE OF TRUCK MECHANIC* (DOT CODE 620.261-010)

B-1. Work Process Schedule for the Trade of Truck Mechanic.

Paragraph not used.

Table B-1

Work Process Schedule for the Trade of Truck Mechanic*

<i>Work Process</i>		<i>Hours</i>
A.	Vehicle Clean, inspect, lubricate	550
B.	Front End and Steering Inspect, repair, adjust, align, overhaul, replace	600
C.	Rear Axle and Suspension Inspect, repair, adjust, overhaul, replace	650
D.	Brakes (Air, Hydraulic, Electric) Inspect, repair, adjust, bleed, replace	300
E.	Engine (Gasoline, Diesel) Service, troubleshoot, tune	850
F.	Engine (Gasoline, Diesel) Remove, Overhaul, replace parts	1,000
G.	Cooling System Service, inspect, repair, replace	450
H.	Fuel Systems (Gasoline, Diesel) Troubleshoot, test, repair, adjust, replace	650
I.	Electrical Systems (DC and AC) Troubleshoot, test, repair, adjust, replace	700
J.	Clutches Repair, replace, adjust	300
K.	Transmissions Repair, overhaul, replace, adjust, test, troubleshoot	500
L.	Hydraulic Units Repair, replace, test, adjust	250
M.	Ignition Systems Inspect, troubleshoot, repair, overhaul, adjust, time	350
N.	Welders Operate, maintain	350
O.	Special Tools and Machines Operate, Maintain	250
P.	Miscellaneous Supervision, shop operations, safety	250
TOTAL		8,000

Notes:

* Personnel working in the following military occupational specialties are authorized to participate in this program: MOS 63B, Light Wheel Vehicle/Power Generation Mechanic; MOS 63D, Self-Propelled Field Artillery System Mechanic; MOS 63E, XM1 Tank System Mechanic; MOS 63H, Track Vehicle Repairer; MOS 63N, M60A1/A3 Tank Systems Mechanic; MOS 63S, Heavy Wheel Vehicle Mechanic; MOS 63T, Improved Tow Vehicle/Infantry Fighting Vehicle/Calvary Fighting Vehicle System Mechanic; MOS 63W, Wheel Vehicle Repairer; MOS 63Y, Track Vehicle Mechanic; MOS 63Z, Mechanical Maintenance Supervisor.

B-2. Special Instructions:

a. Credit for work processes will not be awarded to individuals who have completed work processes related to the trade of Truck Mechanic that were completed while they were students in high schools/vocational schools or colleges prior to entry into the Army.

b. Work processes completed in a state of federally recognized apprenticeship program will be accepted upon presentation of proper documentation to the appropriate service school.

Appendix C

SCHEDULE OF RELATED INSTRUCTION FOR THE TRADE OF TRUCK MECHANIC (DOT CODE 620.261-010)

C-1. Schedule of Related Instruction for the Trade of Truck Mechanic (DOT Code 620.261-010)

A total of 576 hours of related instruction is required to complete this program. Completion of any one or a combination of the below listed courses which equals 576 hours of related instruction or more may be taken to satisfy this requirement. Credit for courses not listed below may be awarded upon presentation of authenticated documentation of satisfactory completion. A synopsis of the course must be submitted with documentation. Documentation and synopsis for courses not listed below will be forwarded by the ESO to the US Army Ordnance Center and School, ATTN: ATSL-TD-PM, Aberdeen Proving Ground, MD 21005, for final determination.

C-2. Special Instructions:

a. Credit for related instruction will not be awarded to individuals who have completed course subjects related to the trade of Truck Mechanic that were completed while they were students in high schools/vocational schools or colleges prior to entry into the Army.

b. Related instruction completed in a state or federally recognized apprenticeship program will be accepted upon presentation of proper documentation.

c. Related instruction credit may be awarded individuals registered in the trade of Truck Mechanic taken from an accredited institution, providing the courses are similar to the courses noted in appendix C.

Table C-1
Schedule of Related Instructions for the Trade of Truck Mechanic

<i>Course Number</i>	<i>Course Title</i>	<i>School</i>	<i>Resident</i>	<i>Non-Resident</i>	<i>Hours Credit</i>
610-63B10	Light Wheel Vehicle/Power Generation Mechanic	USATC*	X		448
610-63B30	Light Wheel Vehicle/Power Generation Mechanic	USATC*	X		320
611-63D10	Self-Propelled Field Artillery System Mechanic	USAARMS Ft Knox, KY	X		296
611-63D30	Self-Propelled Field Artillery System Mechanic	USAARMS Ft Knox, KY	X		448
611-63D10/20	XM1 Tank System Mechanic	USAARMS Ft Knox, KY	X		400
611-63E30	XM1 Tank System Mechanic	USAOC&S APG, MD	X		400
610-63H10	Track Vehicle Repairer	USAOC&S APG, MD	X		392
610-63H30	Track Vehicle Repairer	USAOC&S APG, MD	X		400
611-63N10	Track Vehicle Repairer	USAARMS Ft Knox, KY	X		336
611-63N30	M60A1/A3 Tank Systems Mechanic	USAARMS Ft Knox, KY	X		760
610-63S10	Heavy Wheel Vehicle Mechanic	USATC*	X		344
611-63T10	Improved Tow Vehicle/Infantry Fighting Vehicle/Calvary Fighting Vehicle Systems Mechanic	USAARMS Ft Knox, KY	X		336
611-63T30	Improved Tow Vehicle/Infantry Fighting Vehicle/Calvary Fighting Vehicle Systems Mechanic	USAARMS Ft Knox, KY	X		376
610-63W10	Wheel Vehicle Repairer	USAOC&S APG, MD	X		480
611-63Y10	Track Vehicle Mechanic	USAARMS Ft Knox, KY	X		336
HB6301	Introduction to Wheeled Vehicle Maintenance	USAOC&S APG, MD		X	32
HB6302	Wheeled Vehicle Engines	USAOC&S APG, MD		X	6
HB6303	Wheeled Vehicle Electrical Systems	USAOC&S APG, MD		X	22
HB6304	Wheeled Vehicle Fuel and Exhaust Systems	USAOC&S APG, MD		X	18
HB6305	Wheeled Vehicle Clutches, Transmissions, and Transfers	USAOC&S APG, MD		X	18
HB6306	Wheeled Vehicle Drive Lines, Axles, and Suspension Systems	USAOC&S APG, MD		X	21

Table C-1
Schedule of Related Instructions for the Trade of Truck Mechanic—Continued

<i>Course Number</i>	<i>Course Title</i>	<i>School</i>	<i>Resident</i>	<i>Non-Resident</i>	<i>Hours Credit</i>
HB6307	Wheeled Vehicle Steering Systems	USAOC&S APG, MD		X	23
HB6308	Wheeled Vehicle Braking Systems	USAOC&S APG, MD		X	6
J50-63D10/20	Self-Propelled Field Artillery Mechanic	USAOC&S APG, MD		X	130
J51-63N10/20	M60 Series Systems Mechanic	USAOC&S APG, MD		X	254
J52-63T10/20	FVS/ITV Mechanic	USAOC&S APG, MD		X	239
J53-63B10/20	Light Wheel Vehicle/Power Generation	USAOC&S APG, MD		X	167
J54-63Y10/20	Other Track Vehicle Mechanic	USAOC&S APG, MD		X	130
J55-63S10/20	Heavy Wheel Vehicle/Material Handling Equipment Mechanic	USAOC&S APG, MD		X	179
J56-63H10/20	Track Vehicle Repair, DS/GS	USAOC&S APG, MD		X	130
J57-63W10/20	Wheel Vehicle /Material Handling Equipment, DS/GS, Repair	USAOC&S APG, MD		X	183
J58-63N30	M60 Series Systems Mechanic	USAOC&S APG, MD		X	193
J60-63D30	Self-Propelled Artillery Mechanic	USAOC&S APG, MD		X	82
J61-63N30	M60 Series Systems Mechanic	USAOC&S APG, MD		X	96
J63-63T30	FVS/ITV Mechanic	USAOC&S APG, MD		X	63
J64-63D30	Self-Propelled Artillery Mechanic	USAOC&S APG, MD		X	146
J65-63N30	M60 Series Systems Mechanic	USAOC&S APG, MD		X	203
J67-63T30	FVS/ITV Mechanic	USAOC&S APG, MD		X	161
J68-63B30	Maintenance Supervisor	USAOC&S APG, MD		X	184
J69-63H30	Auto Repair Supervision	USAOC&S APG, MD		X	185
0D0009	PT Fuel Systems Repair	USAOC&S APG, MD		X	18
0D0010	Electrical Systems Component Repair	USAOC&S APG, MD		X	23
0D0081	Wheeled Vehicle Steering and Suspension Systems	USAOC&S APG, MD		X	12
0D0098	Fundamentals of Electricity	USAOC&S APG, MD		X	24
0D0403	Principles of Fuels and Fuel Systems	USAOC&S APG, MD		X	16
0D0404	Wheeled Vehicle Ignition and Electrical Systems	USAOC&S APG, MD		X	28
0D0405	Wheeled Vehicle Power Trained Principles	USAOC&S APG, MD		X	12
0D0410	Wheeled Vehicle Brake Systems	USAOC&S APG, MD		X	15
0D0530	Principles of Military Vehicles	USAOC&S APG, MD		X	21
0D0607	Engine Principles	USAOC&S APG, MD		X	15
0D0727	Electrical Systems and Components	USAOC&S APG, MD		X	12
0D0730	Wheeled Vehicle Maintenance	USAOC&S APG, MD		X	26
0D0731	Heavy and Special Equipment	USAOC&S APG, MD		X	11
0D9011	Chassis Component Repair	USAOC&S APG, MD		X	11
0D9081	Wheeled Vehicle Steering and Suspension Systems	USAOC&S APG, MD		X	7
0D9085	Track Vehicle Suspension Systems	USAOC&S APG, MD		X	6

Table C-1
Schedule of Related Instructions for the Trade of Truck Mechanic—Continued

<i>Course Number</i>	<i>Course Title</i>	<i>School</i>	<i>Resident</i>	<i>Non-Resident</i>	<i>Hours Credit</i>
0D9090	Light Tracked Vehicle Transmissions	USAOC&S APG, MD		X	9
0D9402	Maintenance of Multi fuel Engine Assemblies	USAOC&S APG, MD		X	7
0D9410	Wheeled Vehicle Brake Systems	USAOC&S APG, MD		X	12
0D9412	Tracked Vehicle Engines (Compression Ignition)	USAOC&S APG, MD		X	13
0D9630	Power Generator Organizational Maintenance	USAOC&S APG, MD		X	25
0D9632	Organization Maintenance of the M113 Chassis Tracked Vehicle	USAOC&S APG, MD		X	25
0D9634	Organizational Maintenance of the M107, M108, M109, and M110 Self-Propelled Artillery Tracked Vehicle	USAOC&S APG, MD		X	25
0D9636	Organizational Maintenance of the M69-Series Tanks and the M728 Combat Engines Vehicle	USAOC&S APG, MD		X	25
0D9638	Organizational Maintenance of the M578 Light Armored Armored Recovery Vehicles	USAOC&S APG, MD		X	23
0D9639	Organizational Maintenance of the M88 Medium Recovery Vehicles	USAOC&S APG, MD		X	24
SY6301	Organization Maintenance for the Systems Mechanic of the M60A1/M60A3 Tank and M728 CEV (Armament)	USAOC&S APG, MD		X	32
SY6302	Organizational Maintenance for the Systems Mechanic of the M60A2 Tank (Armament)	USAOC&S APG, MD		X	6
SY6303	Organizational Maintenance for the Systems Mechanic of the M60 Series Vehicle (Automotive)	USAOC&S APG, MD		X	22
SY6304	Test Measurement and Diagnostic Equipment (TMDE) (STE/ICE) for the Systems Mechanic	USAOC&S APG, MD		X	18
SY6305	Organizational Maintenance for the Systems Mechanic of the Systems Mechanic of the M109/M110 Series (Armament)	USAOC&S APG, MD		X	18
SY6306	Organizational Maintenance for the Systems Mechanic of the Systems Mechanic of the M109/M110 Series Vehicles (Automotive)	USAOC&S APG, MD		X	21
SY6307	Organizational Maintenance for the Systems Mechanic of the Systems Mechanic of the M113A1 Series Vehicles and M548 Cargo Carrier	USAOC&S APG, MD		X	23
SY6308	Recovery Fundamentals for the Systems Mechanic	USAOC&S APG, MD		X	6
SY6309	Recovery Operations Using the M88/M88A1 Medium Recovery Vehicle and the M578 Light Recovery Vehicle	USAOC&S APG, MD		X	8
SY6310	Recovery Operations Using the M816 and the M553 Wrecker	USAOC&S APG, MD		X	8
SY6311	Organizational Maintenance for the Systems Mechanic of the M88/M88A1 Medium Recovery Vehicle and the M578 Light Recovery Vehicle	USAOC&S APG, MD		X	42
SY6313	Organizational Maintenance for the Systems Mechanic of the M151 Series Vehicle	USAOC&S APG, MD		X	21
SY6314	Organizational Maintenance for the Systems Mechanic of the M35 Series Vehicle	USAOC&S APG, MD		X	21

Notes:

* Courses taught at Army Training Centers, Fort Dix, NJ; Fort Jackson, SC; and Fort Leonard Wood, MO.

Appendix D
EXAMPLE OF A PARTIAL COMPLETION LETTER

D-1. Example of a Partial Completion Letter

Paragraph not used.

(Enter Office Symbol)

(Enter Date)

TO WHOM IT MAY CONCERN:

This is to certify that _____ was enrolled in the Army
(Name)

Apprenticeship Program for _____
(Name of Occupational Skill Area)

_____ During this period _____ to _____. During that period
(Registration Number) (Date) (Date)

he successfully completed the following hours:

Work Process

Hours

A

B

Army Apprentice Programs are registered with the US Department of Labor and the fact that this individual did participate can be verified with the Bureau of Apprenticeship and Training, Patrick Henry Building, Washington, DC 20213, or by contacting Headquarters, TRADOC, ATTN: ATPL-AGE, Fort Monroe, VA, 23651.

Sincerely,

ESO's SIGNATURE BLOCK

Figure D-1. EXAMPLE OF A PARTIAL COMPLETION LETTER

D-2. Title not used.

Paragraph not used.

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